

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	75468	((pin or probe or protrus\$ or needle or anvil) near10 (plate or tray or lift or lifter or extractor or extratction)) same (tray or holder or pocket or carrier or depression)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:41
L2	108827	(flip\$4 or invert\$3 or ((obverse or top or bottom or other) near2 side)) near10 (chip or substrate or component or package or die or dice)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 09:30
L3	26	414/223.02,226.04.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 09:31
L4	1368	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 09:38
L5	23	("2355643"   "3191791"   "3518752"   "4335989"   "4661033"   "4818383"   "4944651"   "5203452"   "5335771"   "5400904"   "5418692"   "5481438"   "5492223"   "5551572"   "5636745"   "5848702"   "5890599"   "6139243").PN. OR ("6375408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 10:11
L6	8	("5203454"   "5246129"   "5392932"   "5407068"   "5450959"   "5492223"   "5551572"   "5636745").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 10:39
L7	100	("0065896"   "0066492"   "0105901"   "0213772"   "0220390"   "0227633"   "0319954"   "0452994"   "0909939"   "1027079"   "1081701"   "1156459"   "1464967"   "1520227"   "1538367"   "1767553"   "1829689"   "1850131"   "1935901"   "1952612"   "1967040"   "1982820"   "2078488"   "2109965"   "2134908"   "2199201"   "2226844"   "2593566"   "3143059"   "3311231"   "3381873"   "3628818"   "3745973"   "3848564"   "3988834"   "4181745"   "4370941"   "4371555"   "4419103"   "4531575"   "4573586"   "4664925"   "4693205"   "4798133"   "4798162"   "4853240"   "4967687"   "5063871"   "5074239"   "5164009"   "5348766"   "5565229"   "D144441"   "D154910"   "D160375"   "D168879"   "D178858"   "D179668"   "D363496"   "D363497").PN. OR ("5895679").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 10:51
L8	33	("3414962"   "3641666"   "3653411"   "4109788"   "4381321"   "4393808"   "4395184"   "4406373"   "4502094"   "4526129"   "4598821"   "4669416"   "4788931"   "4847991"   "4859498"   "4903393"   "4920915"   "4928821"   "4953283"   "4970781"   "5007534").PN. OR ("5337893").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 11:10
L9	182918	1 or 2 not (3 or 4 or 5 or 6 or 7 or 8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:38
L10	9125586	(pin or probe or protrus\$ or needle or anvil) near 5 (push\$3 or forc\$3 or align\$3 or raise\$3 or elevat\$3 or level\$3 or extract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:40

L11	9141	((pin or probe or protrus\$5 or needle or anvil) near4 (push\$3 or forc\$3 or align\$3 or raise\$3 or elevat\$3 or level\$3 or extract\$3)) near4 (tray or holder or pocket or carrier or depression)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:43
L12	3110	11 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:44
L13	38135	(vacuum or suction) adj3 (cup or pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:44
L14	25927	13 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 12:45
L15	73	12 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 13:15
L16	693	(12.or.14).and.solder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 13:15
L17	1162	(12 or 14) and solder\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/23 13:16
L18	63	("3320658"   "3719981"   "4056302"   "4097266"   "4175821"   "4462534"   "4701133"   "5055971"   "5098311"   "5299939"   "5306171"   "5324569"   "5346118"   "5355283"   "5400904"   "5406701"   "5409157"   "5435482"   "5442852"   "5477933"   "5491303"   "5576519"   "5593322"   "5615477"   "5653598"   "5691041"   "5702255"   "5730606"   "5772451"   "5873162"   "5876219"   "5893763"   "5899760"   "5910023"   "6024584"   "6041495"   "6042389"   "6079991"   "6093035"   "6093042"   "6095832"   "6116923"   "6155848"   "6155860"   "6164983"   "6183268"   "6193537"   "6241535"   "6264490"   "6284984"   "6313999"   "6325644"   "6330164"   "6336823"   "6375474"   "6394822"   "6471526"   "6478588"   "6494725"   "6527597"   "6558174"   "6561819").PN. OR ("6860741").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 13:38
S1	150	jedec adj2 tray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 20:34

S2	8	leveling and (Kiyokawa or Bahnck) or ("6135291" and canella)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/11 13:30
S3	6	("4556362" or "5966903" or "6135291").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 10:24
S4	4	vitronics and flip same (substrate or component or package)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 10:30
S5	10	vanguard and flip same (substrate or component or package)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 11:21
S6	362	(flip or invert) same (substrate or component or package) and (\$2ball\$2grid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 13:42
S7	2764	(flip\$3 or invert\$3 or pick\$3) same (substrate or component or package) same vacuum and (tray or holder or pocket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 21:58
S8	764	S7 and (probe or needle or anvil)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 13:45
S9	5	("20030205799"   "5200366"   "5918746"   "6038136"   "6752204").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 13:50
S10	14	("3766439"   "4330790"   "4562924"   "4617605"   "4928206").PN. OR ("5343363").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:08
S11	18	("4298120"   "4406367"   "4411362"   "4489487").PN. OR ("4562924").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:10
S12	39	("4406367"   "4411362"   "4562924"   "4657137").PN. OR ("4966281").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:11
S13	43	("20010032800"   "20020014465"   "4382024"   "4395362"   "4667944"   "4711014"   "4746574"   "4778326"   "4800126"   "4966281"   "5075038"   "5089314"   "5104581"   "5106538"   "5106540"   "5171796"   "5173524"   "5183969"   "5208103"   "5240753"   "5304418"   "5346765"   "5441809"   "5547082"   "5609969"   "5654369"   "5682731"   "5685885"   "5739193"   "5769237"   "5783294"   "5791486"   "5807507"   "5833073"   "5910560"   "5914191"   "5922453"   "6021904"   "6096163"   "6150446"   "6230896"   "6290274"   "6357595").PN. OR ("6926937").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:24

S14	68	("1198402"   "3158381"   "3190460"   "3465874"   "3520055"   "3562057"   "3652075"   "3707760"   "3809050"   "3920121"   "4221356"   "4285430"   "4395451"   "4410168"   "4428815").PN. OR ("4778326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:25
S15	12	("4667402"   "4850780"   "4859269"   "5270260"   "5343363"   "5411921"   "5524765"   "5589029"   "6201306"   "6204092"   "6555418"   "6589809").PN. OR ("6889427").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/12 15:49
S16	944	29/743.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 15:30
S17	4	("4556362"   "5966903"   "6019564"   "6135291").PN. OR ("6871394").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:33
S18	28	("3432049"   "3561618"   "4375126"   "4389272"   "4606117"   "4666358"   "4808291"   "4869801"   "4898507"   "4907701"   "5085312"   "5404894"   "5405230"   "5407314"   "5549444"   "5556248"   "5588797"   "5609463"   "5612068").PN. OR ("6019564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:33
S19	13	("3940908"   "4044937"   "4423815"   "4556362"   "4915565"   "4958982"   "4978253"   "5394973"   "5888127"   "5988065"   "6006890"   "6019564"   "6283693").PN. OR ("6551048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:53
S20	0	29/dig44.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:53
S21	0	29/dig45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:54
S22	0	29/dig44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 17:24
S23	638	228/49.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:30
S24	217	228/49.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:30
S25	2	"US 6871394 B2"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 20:34
S26	4	("4556362"   "5966903"   "6019564"   "6135291").PN. OR ("6871394").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/21 20:34
S27	2	"us 5492223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/21 21:31